



INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary.)</i>	ATTY. DOCKET NO.	SERIAL NO.
	97B050/3	10/613,373
	APPLICANT	
	Datta et al.	
	FILING DATE	GROUP
July 3, 2003	1711	

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Bl	AA 6,153,703	11/28/00	Lustiger et al.	—	—		
AB							
AC							
AD							
AE							
AF							
AG							
AH							
AI							
AJ							
AK							

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
hl	AL EP 374 695	06/27/90	Europe	—	—		
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
AR							
AS							

EXAMINER	DATE CONSIDERED
<i>Ronald Leyman</i>	5-12-05

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Al	3,262,992	07/26/66	Holzer et al.			
	3,378,606	04/16/68	Kontos			
	3,758,656	09/11/73	Shih			
	3,853,969	12/10/74	Kontos			
	3,882,197	05/06/75	Fritz et al.			
	3,888,949	06/10/75	Shih			
	3,998,911	12/21/76	Strametz et al.			
	4,411,821	10/25/83	Howard, Jr.			
	4,461,872	07/24/84	Su			
	4,491,652	01/01/85	Matthews et al.			
Al	4,540,753	09/10/85	Cozewith et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Al	WO 98 39384	09/11/98	PCT				
	WO 99/01485	01/14/99	PCT				
	WO 96/24623	08/15/96	PCT				
	WO 99/07788	02/18/99	PCT				
	WO 97/10300	03/20/97	PCT				
Al	EP 695 765	07/21/95	EUROPE				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

Al	Carlson et al., "Component Relaxation Processes within Elastomeric Polypropylene," <i>Macromolecules</i> , Vol. 32, pp.8100-8106 (1999).
Al	Hu et al., "Elastomeric Polypropylenes from Unbridged (2-Phenylindene)zirconocene Catalysts: Thermal Characterization and Mechanical Properties," <i>Macromolecules</i> , Vol. 31, pp.6908-6916 (1999).

EXAMINER	<i>Bernard Leyman</i>	DATE CONSIDERED	<i>5-12-05</i>
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<i>plc</i>	4,542,199	09/17/85	Kaminsky et al.		
	4,543,399	09/24/85	Jenkins, III, et al.		
	4,588,790	05/13/86	Jenkins, III, et al.		
	4,752,597	06/21/88	Turner		
	4,758,656	07/19/88	Itoh et al.		
	4,808,561	02/28/89	Welborn, Jr.		
	4,859,757	08/22/89	Pellon et al.		
	4,871,705	10/03/89	Hoel		
	4,897,455	01/30/90	Welborn, Jr.		
	4,912,075	03/27/90	Chang		
	4,937,217	06/26/90	Chang		
<i>plc</i>	4,937,301	06/26/90	Chang		
FOREIGN PATENT DOCUMENTS					
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	TRANSLATION
	WO 93/06169	04/01/93	PCT		YES <input type="checkbox"/> NO <input type="checkbox"/>
	WO 92/00333	01/09/92	PCT		
	EP 426 637 A2	05/08/91	EUROPE		
	EP 427 697 A2	05/15/91	EUROPE		
<i>plc</i>	EP 495 375 A2	07/22/92	EUROPE		
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)					
<i>plc</i>	Cheng, H.N., "C NMR Analysts of Ethylene-Propylene Rubbers," Macromolecules, Vol. 17, pp.1950-1955, (1984).				
<i>plc</i>	Tincul et al., "Impact Fracture Toughness of Propylene/1-Pentene Random Copolymers," Polymer Material Sci. Eng., PMSEDG 79, pp.190-191, (1998).				
EXAMINER <i>Reinard Lymon</i>			DATE CONSIDERED <i>5-12-05</i>		
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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>plk</i>	5,008,228	04/16/91	Chang				
	5,017,714	05/21/91	Welborn, Jr.				
	5,028,670	07/02/91	Chinh, et al.				
	5,057,475	10/15/91	Canich et al.				
	5,068,025	02/04/92	Chang				
	5,120,867	06/09/92	Welborn, Jr.				
	5,132,262	07/21/92	Rieger, et al.				
	5,147,949	09/15/92	Chang				
	5,153,157	10/06/92	Hlatky et al.				
	5,198,401	03/30/93	Turner et al.				
	5,238,892	08/24/93	Chang				
<i>plk</i>	5,243,001	09/07/93	Winter, et al.				
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	PUBLIC DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
YES	NO						
<i>plk</i>	WO 87/02991	05/21/87	PCT			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	EP 520 732	12/30/92	EUROPE			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	EP 573 403	12/08/93	EUROPE			<input checked="" type="checkbox"/>	<input type="checkbox"/>
	EP 128 046	12/12/84	EUROPE			<input checked="" type="checkbox"/>	<input type="checkbox"/>
<i>plk</i>	EP 0 277 003	08/03/88	EUROPE			<input checked="" type="checkbox"/>	<input type="checkbox"/>
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)							
<i>plk</i>	Strate et al., "Near Monodisperse Ethylene-Propylene Copolymers by Direct Ziegler-Natta Polymerization. Preparation, Characcterization, Properties," Macromolecules, v.21(12), pp.3360-3371, (1988).						
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<i>Ronald L. Lyman</i>				5-12-05			
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	
<i>PLC</i>	5,278,119	01/11/94	Turner et al.			
	5,278,264	01/11/94	Spaleck et al.			
	5,296,434	03/22/94	Karl et al.			
	5,304,614	04/19/94	Winter et al.			
	5,324,800	06/28/94	Welborn, Jr. et al.			
	5,331,054	07/19/94	Fujita et al.			
	5,387,568	02/07/95	Ewen et al.			
	5,391,629	02/21/95	Turner et al.			
	5,416,178	05/16/95	Winter et al.			
	5,451,639	09/19/95	Marczinke et al.			
	5,455,305	10/03/95	Galambos et al.			
<i>PLC</i>	5,461,113	10/24/95	Marczinke et al.			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
<i>PLC</i>	EP 0 277 004	08/03/88	EUROPE			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
<i>PLC</i>	EP 0 302 424	02/08/89	EUROPE			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<i>PLC</i>	EP 0 480 190	04/15/92	EUROPE			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<i>PLC</i>	EP 0 582 194	02/09/94	EUROPE			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)						
<i>PLC</i>	Collette et al., "Elastomeric Polypropylenes from Alumina-Supported Tetraalkyl Group IVB Catalysts. 1. Synthesis and Properties of High Molecular Weight Stereoblock Homopolymers," <i>Macromolecules</i> , Vol.21(12), pp.3360-3371, (1989).					
<i>PLC</i>	ASTM D 1646-96a, "Standard Test Methods for Rubber - Viscosity, Stress Relaxation, and Pre-Vulcanization Characteristics (Mooney Viscometer)," <i>American Society for Testing and Materials</i> .					
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<i>RL</i>	5,504,172	04/02/96	Imuta et al.					
	5,516,848	05/14/96	Canich et al.					
	5,539,056	07/23/96	Yang et al.					
	5,576,259	11/19/96	Hasegawa et al.					
	5,585,448	12/17/96	Resconi et al.					
	5,594,080	01/14/97	Waymouth et al.					
	5,618,895	04/08/97	Kerth et al.					
	5,700,896	12/23/97	Dolle et al.					
<i>RL</i>	5,747,621	05/05/98	Resconi et al.					
FOREIGN PATENT DOCUMENTS								
	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
<i>RL</i>	EP 0 890 584	01/13/99	EUROPE			<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	
	WO 96/06132	02/29/96	PCT			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
	EP 0 538 749	04/28/93	EUROPE			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
<i>RL</i>	EP 0 716 121	06/12/96	EUROPE			<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	
OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)								
<i>RL</i>	ASTM D 3900-95, "Standard Tests Methods for Rubber Raw-Determination of Ethylene Units in EPM (Ethylene-Propylene Copolymers) and EPDM (Ethylene-Propylene-Diene Teropolymers)" American Society for Testing and Materials.							
<i>RL</i>	Lin et al, "Regioirregular Propene Insertion on Polypropenes Synthesized with Unbridged Bis(2-aryl)indenyl Zirconium Dichloride Catalysts: Implications on Activity," Macromolecules, Vol. 32, pp.8283-8290, (1999).							
<i>RL</i>	Coates et al., "Oscillating Stereocontrol: A strategy for the Synthesis of Thermoplastic Elastomeric Polypropylene," Science, Vol. 267, pp.217-219, (1995).							
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ML	5,763,534	06/09/98	Srinivasan et al.			
	5,840,808	11/24/98	Sugimura et al.			
	5,869,584	02/09/99	Winter et al.			
	5,936,053	08/10/99	Fukuoka et al.			
	5,994,482	11/30/99	Georgellis et al.			
	6,037,417	03/14/00	Nguyen et al.			
	6,048,950	04/11/00	Dolle et al.			
	6,245,856	06/12/01	Kaufman et al.			
	6,342,565	01/29/02	Cheng et al.			
ML	2001/0039314	11/08/01	Mehta et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBL. DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
ML	EP 0 646 624	04/05/95	EUROPE				
)	GB 1 342 647	01/03/74	GREAT BRITIAN				
ML	EP 0 546 690	06/16/93	EUROPE				

OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages of Publication, Etc.)

ML	Hu et al., "Elastomeric Polypropylenes from Unbridged 2-Phenylindene Zirconocene Catalysts: Temperature Dependence of Crystallinity and Relaxation Properties," Macromolecules, Vol. 32, pp.3334-3340 (1999).

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